



New Power of Atty  
Attached

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SMC  
5/7/03

Attorney Docket No.: 06491.P049  
Confirmation Number: 2663

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

In Re Application of: )  
Norrell et al. )  
Application No: 09/819,158 )  
Filing Date: March 27, 2001 )  
For: DSL Compatible Load Coil )

Examiner: Swerdlow, D. MAY 07 2003  
Art Unit: 2644 Technology Center 2600

Commissioner for Patents  
Washington, D.C. 20231

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**AMENDMENT AND RESPONSE TO OFFICE ACTION**

IN THE CLAIMS

C1  
1. (Currently Amended) A load coil for insertion along a local loop, the load coil comprising:  
a coupled inductor having first and second windings wrapped about an inductor core, each winding having an input and an output, the coupled inductor configured to counteract a parallel capacitance of the local loop to improve transmission of POTS-band signals across the local loop, wherein the first and second windings have an inter-winding capacitance value between them;  
a first capacitive element disposed between the input of the first winding and the input of the second winding; and